

SECTION 09960

VINYL WALL COVERING AND FABRIC WALL COVERING

PART 1 - GENERAL

1.1 QUALITY ASSURANCE

- A. Fire rating classification tests: ASTM-E84.
- B. Mock-up:
 - 1. Install a full wall panel with outside corner application in area designated by Government.
 - 2. Panels reviewed by Government will serve as standard of quality for comparison.
 - 3. Replace unacceptable panels.

1.2 SUBMITTALS

- A. Samples:
 - 1. Three 12 IN square samples; or pieces large enough to include repeat of pattern of each type, pattern and color, from manufacturers full line, for selection.
- B. Contract closeout information:
 - 1. Maintenance data.
 - 2. Letter stating extra material has been delivered.

1.3 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Comply with manufacturer's instructions.
- B. Deliver materials labeled to identify manufacturer, brand name, quality, and flame spread classification.
- C. Store horizontally in original undamaged packages.

1.4 JOB CONDITIONS

- A. Install when temperature and humidity conditions approximate conditions that will exist when building is occupied. Maintain conditions after installation.
- B. Install after fluid applied finishes and adhesively applied flooring, except carpet, have been installed.
- C. Install prior to carpet and acoustical material.
- D. Schedule installation to minimize accumulation of air contaminants that cannot be removed prior to occupancy.
- E. Air out construction with 100 percent outside air.
 - 1. Do not recirculate prior to occupancy.
 - 2. Ventilate during installation. Seal return air ducts and use direct exhaust to outdoors.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Acceptable manufacturers:
 - 1. Vinyl wall covering as noted in finish schedule:
 - a. Base:
 - 1) Maharam Wall Coverings.
 - b. Options:

- 1) Designtex Inc.
2. Plastic trim:
 - a. Base:
 - 1) Tri-Guards.
3. Other manufacturers desiring approval comply with Document 00440.
- B. Vinyl wall covering (VWC):
 1. Class A fire rating, UL labeled.
 2. Flame spread: Maximum 25; fuel contributed: Maximum 25; and smoke developed: Maximum 25.
 3. Weights, colors and patterns as indicated in specification Section 09000.
- C. Adhesive: Manufacturer's recommended type for use with selected materials, mildew resistant, nonstaining type.
- D. Primer sealer: As approved by adhesive and wall covering manufacturers.
- E. Corner trim:
 1. Extruded plastic trim.
 2. Use where wall covering changes color or pattern or terminates at a corner.
 3. Provide full height floor to ceiling unit.
 4. 3/4 X 3/4 IN corner unit.
 5. Color: Clear.

2.2 EXTRA MATERIAL

- A. Provide Government with minimum 100 SF of each color, pattern, texture for maintenance; does not include murals.
- B. Furnish packaged and identified as to color, pattern, texture.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine substrate and conditions under which material is to be installed.
- B. Start of work indicates acceptance of responsibility for performance and required remedial work.

3.2 PREPARATION

- A. Unwrap material and allow to acclimatize to installation area for 24 hours before application.
- B. Assure that minimum temperature of 70 degF is maintained in areas of installation, for at least 48 hours before, during, and 48 hours after application.
- C. Inspect wall for conditions which might reduce adhesion.
- D. Correct condition.
- E. Remove efflorescence, until no more crystals form.
- F. Do not use water.
- G. Assure surfaces have proper moisture content.
- H. Verify nails and screws are recessed, with all joints and depressions taped, finished, and sealed.
- I. Prime substrates.
- J. Touch up suction and hot spots.
- K. Sand lightly.
- L. Touch up sanded areas.

M. Start only when other work penetrating walls has been completed.

3.3 APPLICATION

- A. Install fabric in accordance with manufacturer's directions.
 - 1. Make joints invisible with seams butted.
 - 2. Use panels in order as they are cut from rolls, use rolls in consecutive order.
- B. Install vertically, unless the Government instructs otherwise.
 - 1. Keep seams at least 6 IN away from corner.
 - 2. Remove air bubbles, wrinkles and blisters.
 - 3. Where color or pattern changes, or vinyl terminates at an exterior corner, install corner trim.
 - 4. At wall control joints, material is to be continuous and "tucked" into joint.
- C. Remove switch and wall plates, and surface-mounted fixtures.
 - 1. Cut wall covering to fit.
 - 2. Replace items after completion of work.
- D. Trim smooth, non-match patterns on wall by double cutting through both thicknesses.
- E. Carefully match deeply textured or match patterns.
- F. Trim selvages to assure color and pattern match.
- G. Install before installation of casings, bases, cabinets, etc.
- H. Install above and below windows, above doors in sequence.
- I. Remove excess adhesive.

END OF SECTION